

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	28	703/27.ccls. and @pd>="20081201"	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2009/05/14 17:22
L3	21	((tim\$4 or performance) with annotat\$5 same (code or assem\$2 or line)) and simulat\$4 and @pd>="20081201"	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2009/05/14 17:29



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**Compilation-based software performance estimation for system level design**

MT Lazarescu, JR Bammi, E Harcourt, L Lavagno, M ... - IEEE International High-Level Design Validation and Test ..., 2000 - [ieeexplore.ieee.org](#)

... An **annotated** C sim- ulation model is generated from the **assembler** output of the ... Although the **performance** annotations reflect the compiler optimizations, the ...

Cited by 21 - Related articles - Web Search - All 4 versions

**Vertebral Shape: Automatic Measurement with Active Shape Models 1-** ▶ [rsnainls.org](#)

PP Smyth, CJ Taylor, JE Adams - Radiology, 1999 - RSNA

... The fracture-detection **performance** with the manually **annotated** full contour would reflect the potential **performance** of **ASM**-based fracture detection. ...

Cited by 55 - Related articles - Web Search - BL Direct - All 4 versions

**The SimpleScalar tool set, version 2.0-** ▶ [toronto.edu](#) [PDF]

D Burger, TM Austin - ACM SIGARCH Computer Architecture News, 1997 - [portal.acm.org](#)

... have been aggressively tuned for **performance**, and can ... The **annotation** interface is useful for synthesizing new ... having to change and re-compile the **assembler**. ...

Cited by 1596 - Related articles - Web Search - BL Direct - All 127 versions

**An optimized protocol for analysis of EST sequences-** ▶ [nih.gov](#)

F Liang, I Holt, G Pertea, S Karamycheva, SL ... - Nucleic Acids Research, 2000 - Oxford Univ Press

... to determine their **performance** in assembling EST sequences and developed a refined process of EST sequence cleaning, clustering, **assembly** and **annotation** that ...

Cited by 110 - Related articles - Web Search - BL Direct - All 21 versions

**Real-time performance of sorting algorithms**

PP Puschner - Real-Time Systems, 1999 - Springer

... To assess the SRT **performance** we determined soft execution time bounds ... program with the GNU GCC compiler and **annotated** the resulting **assembler** program with ...

Cited by 5 - Related articles - Web Search - BL Direct - All 4 versions

[PDF] ▶ **Java and scientific programming: Portable browsers for performance programming**

M Cierniak, S Srinivas - Java for Computational Science and Engineering- ..., 1997 - [hpjava.org](#)

... Page 14. **Annotated Assembly** Code Transformed Optimized Source ... xf c l of % i"  
gefHfHf Performance Experiment Data File 1 **Performance** Experiment Data File k ...

Cited by 4 - Related articles - View as HTML - Web Search - All 8 versions

[PDF] ▶ **A portable browser for performance programming**

M Cierniak, S Srinivas - Concurrency: Practice and Experience, 1997 - [citeseerx.ist.psu.edu](#)

... Is the original source **annotated** with cycle ... source, the transformed source, **assembly**, compiler information file, and **performance** ex- periment data ...

Cited by 2 - Related articles - View as HTML - Web Search - BL Direct - All 3 versions

[CITATION] **Software Performance Estimation Strategies in a System-Level Design Tool**

JR Barrimi, E Harcourt, W Kruijtzter, L Lavagno, MT ... - Proceedings of the International Workshop on HW/SW Codesign, 2000

Cited by 1 - Related articles - Web Search

Non-invasive trace-driven system and method for computer system profiling

TW Keller, RJ Urquhart - US Patent 5,355,487, 1994 - Google Patents

... of the portant when looking for **performance** issues that ... The pro- 25 relative address, **assembler** line of ... An **annotated** source code executables 43 selected for ...

Cited by 44 - Related articles - Web Search - All 2 versions

A compilation-based software estimation scheme for hardware/software co-simulation-

► **psu.edu** PDF

M Lajolo, M Lazarescu, A Sangiovanni-Vincentelli - Proceedings of the seventh international workshop on ...

1999 - portal.acm.org

... we focus on embedded software **performance** esti- mation. ... C compiler (CCC) to generate

"**assembler-level**" C ... This code can be **annotated** with timing information ...

Cited by 53 - Related articles - Web Search - All 14 versions

Key authors: D Burger - T Austin - G Morrisett - D Walker - K Crary


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annotate assembler performance

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**Scholar** All articles - Recent articles Results 1 - 10 of about 15,100 for annotate assembler timing.

[PDF] ► Worst-case execution-time analysis at low cost

P Puschner - Control Engineering Practice, 1998 - citeseerx.ist.psu.edu  
 ... A low-level WCET analysis tool then computes detailed **timing** information of the **annotated assembler** programs and passes the information back to the source level ...  
 Cited by 20 - Related articles - View as HTML - Web Search - BL Direct - All 9 versions

Compilation-based software performance estimation for system level design

MT Lazarescu, JR Bammi, E Harcourt, L Lavagno, M ... - IEEE International High-Level Design Validation and Test ..., 2000 - leeeexplore.ieee.org  
 ... compiler. The output **assembler** is translated to an **assembler-level C** co-simulation model, **annotated** with **timing** information. The ...  
 Cited by 21 - Related articles - Web Search - All 4 versions

A compilation-based software estimation scheme for hardware/software co-simulation-

► psu.edu [PDF]

M Lajolo, M Lazarescu, A Sangiovanni-Vincentelli - Proceedings of the seventh international workshop on ..., 1999 - portal.acm.org  
 ... The key idea is to use the GNU-C compiler (CCC) to generate "**assembler-level**" C code. This code can be **annotated** with **timing** information, and used as a ...  
 Cited by 53 - Related articles - Web Search - All 14 versions

A sequence assembly and editing program for efficient management of large projects-

► nih.gov [PDF]

S Dear, R Staden - Nucleic acids research, 1991 - Oxford Univ Press  
 ... We describe a sequence **assembly** and editing program ... and has substantially reduced the **time** taken to ... editor also provides facilities for **annotating** the sequences ...  
 Cited by 251 - Related articles - Web Search - All 6 versions

[PDF] ► Incorporating worst-case execution time in a commercial C-compiler

H Borjesson - Master's thesis, Department of Computer Systems, Uppsala ..., 1995 - citeseerx.ist.psu.edu  
 ... 29 8 Analytic **Timing** Tools 30 8.1 ... 30 8.3 \The **Annotation** Approach" : : : 31 8.4 ...  
 Cited by 13 - Related articles - View as HTML - Web Search - All 7 versions

Whole-genome random sequencing and assembly of Haemophilus influenzae Rd

RD Fleischmann, MD Adams, O White, RA Clayton, EF ... - Science, 1995 - sciencemag.org  
 ... An approach for genome analysis based on sequencing and **assembly** of unselected ... sequenced with automated technology (5). At the present **time**, there are active ge ...  
 Cited by 3514 - Related articles - Web Search - BL Direct - All 12 versions

Which sorting algorithms to choose for hard real-time applications

D Mittermaier, P Puschner - Real-Time Systems, 1997. Proceedings., Ninth Euromicro ..., 1997 - leeeexplore.ieee.org  
 ... of the WCET bound from the **annotated assembler** language program. assdp reads an **assembler** pro- gram, looks up the execution **time** for each instruc- tion, and ...  
 Cited by 6 - Related articles - Web Search - All 6 versions

Code size minimization and retargetable assembly for custom EPIC and VLIW instruction

formats- ► [umich.edu](http://umich.edu) [PDF]

S Aditya, SA Mahke, BR Rau - ACM Transactions on Design Automation of Electronic Systems ..., 2000 - portal.acm.org

... of these measures are applied by PICO-VLIW at the time that the ... approach, the compiler needs to profile the program and **annotate** the **assembly** code with ...

Cited by 18 - Related articles - Web Search - Library Search - BL Direct - All 11 versions

### Real-time performance of sorting algorithms

PP Puschner - Real-Time Systems, 1999 - Springer

... for the computation of the WCET bound from the **annotated assembly** language program. ass2lp reads an **assembler** program, looks up the execution **time** for each ...

Cited by 5 - Related articles - Web Search - BL Direct - All 4 versions

### Guest editorial: A review of worst-case execution-time analysis

P Puschner, A Burns - Real-Time Systems, 2000 - Springer

... Mok and his group (Mok et al., 1989; Amerasinghe, 1985; Chen, 1987) produced a **timing** tool for **assembly** language programs, which are **annotated** by TAL (**timing** ...

Cited by 58 - Related articles - Web Search - All 4 versions

Key authors: [P Puschner](#) - [M Lazarescu](#) - [M Lajolo](#) - [A Burns](#) - [P Lee](#)

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"evaluating tight execution time bounds" annot

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**Scholar** All articles - **Recent articles** Results 1 - 10 of about 38 for "evaluating tight execution time

**Efficient microarchitecture modeling and path analysis for real-time software- ▶ kfpum.edu.sa**

[PDF]

YTS Li, S Malik, A Wolfe - In IEEE Real-Time Systems Symposium, 1995 - eprints.kfpum.edu.sa

... loops. These restrictions can be imposed either through spe- cific language constructs or through an external **annotation** mechanism. ...

Cited by 175 - Related articles - View as HTML - Web Search - All 21 versions

[PDF] ▶ **Worst-case execution-time analysis at low cost**

P Puschner - Control Engineering Practice, 1998 - citeseerx.ist.psu.edu

... from the original program to the machine- language program and **annotate** the assembler ...

**Evaluating Tight Execution Time Bounds** of Programs by Annotations. ...

Cited by 20 - Related articles - View as HTML - Web Search - BL Direct - All 9 versions

**Embedded program timing analysis based on path clustering and architecture classification-**

**▶ york.ac.uk [PDF]**

R Ernst, W Ye - Proceedings of the 1997 IEEE/ACM international conference on ..., 1997 - portal.acm.org

... Therefore, as a second step, the user is asked to **annotate** false paths. ... user

**annotation** with regular expressions is introduced in 11. ...

Cited by 100 - Related articles - Web Search - BL Direct - All 16 versions

**On the false path problem in hard real-time programs- ▶ kfpum.edu.sa [PDF]**

P Altenbernd - In Proceedings of the 8th Euromicro Workshop on Real-time ..., 1996 - eprints.kfpum.edu.sa

... Recursive functions are additionally **annotated** by an attribute M, the maximum

recursion ... **Evaluating Tight Execution Time Bounds** of Pro- grams by Annotations. ...

Cited by 82 - Related articles - View as HTML - Web Search - All 12 versions

**Guest editorial: A review of worst-case execution-time analysis**

P Puschner, A Burns - Real-Time Systems, 2000 - Springer

... Chen, 1987) produced a timing tool for assembly language programs, which are **annotated**

by TAL ... **Evaluating tight execution time bounds** of programs by annotations ...

Cited by 58 - Related articles - Web Search - All 4 versions

[PDF] ▶ **Complete worst-case execution time analysis of straight-line hard real-time programs**

F Stappert, P Altenbernd - Journal of Systems Architecture, 2000 - fbi.fh-darmstadt.de

... Page 7. - 7 - The approach presented in [10] tries to provide a

user-**annotation**-free solution. However, like the above mentioned ...

Cited by 77 - Related articles - View as HTML - Web Search - All 15 versions

**A retargetable technique for predicting execution time of code segments- ▶ psu.edu [PDF]**

MG Harmon, TP Baker, DB Whalley - Real-Time Systems, 1994 - Springer

... procedure. The source level code is **annotated** with line numbers that are

used by the user to specify which code segments to time. ...

Cited by 52 - Related articles - Web Search - BL Direct - All 7 versions

**Execution cost interval refinement in static software analysis- ▶ psu.edu [PDF]**

F Wolf, R Ernst - Journal of Systems Architecture, 2001 - Elsevier

... 18], Puschner and Koza [22], and Park and Shaw [21] require iteration bounds for

all loops in the program which the designer must provide by loop **annotation**. ...

[Cited by 19](#) - [Related articles](#) - [Web Search](#) - [All 10 versions](#)

### Combining static worst-case timing analysis and program proof

R Chapman, A Burns, A Wellings - Real-Time Systems, 1996 - Springer

... 147 The second class of **annotation** used in SPARK is the ... In the absence of a call mapping **annotation**, one of two default mappings may be used. ...

[Cited by 56](#) - [Related articles](#) - [Web Search](#) - [All 3 versions](#)

### Cinderella: A retargetable environment for performance analysis of real-time software-

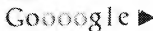
[▶ iitd.ernet.in](#) [PS]

YTS Li, S Malik, A Wolfe - Lecture notes in computer science, 1997 - Springer

... with other existing methods, ours offers more powerful path **annotation** mechanism and more ... **Evaluating tight execution time bounds** of pro- grams by annotations. ...

[Cited by 7](#) - [Related articles](#) - [Web Search](#) - [BL Direct](#) - [All 5 versions](#)

Key authors: [Y Li](#) - [S Malik](#) - [A Wolfe](#) - [P Altenbernd](#) - [R Ernst](#)

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